

ATV312H037M2

Industrial automation components

Manufacturer	Schneider Electric
Catalog number	atv312h037m2
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.05 kgs
Product Type	Inverter
Manufacturer	Schneider
Voltage	200 - 240 V
Power	0.37
Cooling Capacity	0.37
Frequency	50 - 60 Hz
Signal Type	240
Signal Level	240 V
Relay Specifications	240 VAC

Description

The Schneider Electric ATV312H037M2 is a compact variable speed drive from the Altivar 312 series, designed for general-purpose industrial applications. Operating on a single-phase supply voltage of 200-240 V, it delivers a motor power of 0.37 kW (0.5 hp) and a continuous output current of 3.3 A at 4 kHz. This drive is engineered for reliable speed and torque control in small machinery, conveyors, and automated production lines where efficiency and flexibility are crucial. The ATV312H037M2 features an integrated EMC filter, ensuring compliance with electromagnetic compatibility standards. Its compact design facilitates easy integration into control panels, making it suitable for both new installations and retrofit projects. Durable construction and proven performance ensure robust operation in demanding environments. The drive operates within a frequency range of 50-60 Hz and offers a speed range of 1-50 Hz, providing versatility for various applications. With dimensions of 72 x 145 x 132 mm and a weight of 1.5 kg, it is suitable for installations where space is limited. The ATV312H037M2 is equipped with communication ports supporting Modbus and CANopen protocols, allowing for seamless integration into a variety of control systems. This model is ideal for applications requiring precise motor control and energy efficiency.